

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
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LARS PERSSON) Group Art Unit: (unassigned)
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Application No.: (unassigned)) Examiner: (unassigned)
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Filed: January 7, 2002)
)
For: INJECTION MOULD AND)
METHOD FOR MAKING THE)
SAME)
)
)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the above-identified Application, filed concurrently herewith, as indicated.

IN THE CLAIMS:

Kindly replace Claims 3, 4, 10, and 11 as follows:

3. (Amended) A method as claimed in claim 1, further comprising the step of defining a coordinate system of the product pattern before the steps of defining function holes and function recesses and defining the product cavity and the parting plane of the mould are carried out, said coordinate system being defined so that the origin of coordinates is available within a two-dimensional projection of the product pattern.

4. (Amended) A method as claimed in claim 1, further comprising the steps of
generating data regarding function holes and function recesses from the first mould
pattern for machining of the intended injection mould,

generating data regarding the product cavity and the parting plane of the mould
from the second mould pattern for machining of the intended injection mould,

machining a blank for the intended injection mould by means of said data regarding
function holes and function recesses independently of the data generated from the second
mould pattern, and

machining a blank for the intended injection mould by means of said data regarding
the product cavity and the parting plane of the mould independently of the data generated
from the first mould pattern.

10. (Amended) A method as claimed in claim 8, wherein the step of
mechanically machining a plurality of modules essentially simultaneously further comprises
the step of mechanically machining at least a second mould module, an ejector module and
an engaging module essentially simultaneously.

11. (Amended) A method for making injection moulds for injection moulding of
mobile phone components comprising the steps as claimed in claim 1.

Please add the following new Claims 12-17:

12. (New) A method as claimed in claim 2, further comprising the step of defining a coordinate system of the product pattern before the steps of defining function holes and function recesses and defining the product cavity and the parting plane of the mould are carried out, said coordinate system being defined so that the origin of coordinates is available within a two-dimensional projection of the product pattern.

13. (New) A method as claimed in claim 2, further comprising the steps of generating data regarding function holes and function recesses from the first mould pattern for machining of the intended injection mould,

generating data regarding the product cavity and the parting plane of the mould from the second mould pattern for machining of the intended injection mould,

machining a blank for the intended injection mould by means of said data regarding function holes and function recesses independently of the data generated from the second mould pattern, and

machining a blank for the intended injection mould by means of said data regarding the product cavity and the parting plane of the mould independently of the data generated from the first mould pattern.

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14. (New) A method as claimed in claim 3, further comprising the steps of
generating data regarding function holes and function recesses from the first mould
pattern for machining of the intended injection mould,
generating data regarding the product cavity and the parting plane of the mould
from the second mould pattern for machining of the intended injection mould,
machining a blank for the intended injection mould by means of said data regarding
function holes and function recesses independently of the data generated from the second
mould pattern, and
machining a blank for the intended injection mould by means of said data regarding
the product cavity and the parting plane of the mould independently of the data generated
from the first mould pattern.

15. (New) A method as claimed in claim 12, further comprising the steps of
generating data regarding function holes and function recesses from the first mould
pattern for machining of the intended injection mould,
generating data regarding the product cavity and the parting plane of the mould
from the second mould pattern for machining of the intended injection mould,
machining a blank for the intended injection mould by means of said data regarding
function holes and function recesses independently of the data generated from the second
mould pattern, and

machining a blank for the intended injection mould by means of said data regarding the product cavity and the parting plane of the mould independently of the data generated from the first mould pattern.

16. (New) A method as claimed in claim 9, wherein the step of mechanically machining a plurality of modules essentially simultaneously further comprises the step of mechanically machining at least a second mould module, an ejector module and an engaging module essentially simultaneously.

17. (New) A method for making injection moulds for injection moulding of mobile phone components comprising the steps as claimed in claim 8.

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REMARKS

The present Amendment modifies the claims format only so as to eliminate the use of multiple dependency.

The examination and allowance of the Application are respectfully requested.

Respectfully submitted,

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Attachment to Preliminary Amendment dated January 4, 2002

Marked-up Claims 3, 4, 10, and 11

3. (Amended) A method as claimed in claim 1 [or 2], further comprising the step of defining a coordinate system of the product pattern before the steps of defining function holes and function recesses and defining the product cavity and the parting plane of the mould are carried out, said coordinate system being defined so that the origin of coordinates is available within a two-dimensional projection of the product pattern.

4. (Amended) A method as claimed in [any one of claims 1-3] claim 1, further comprising the steps of

generating data regarding function holes and function recesses from the first mould pattern for machining of the intended injection mould,

generating data regarding the product cavity and the parting plane of the mould from the second mould pattern for machining of the intended injection mould,

machining a blank for the intended injection mould by means of said data regarding function holes and function recesses independently of the data generated from the second mould pattern, and

machining a blank for the intended injection mould by means of said data regarding the product cavity and the parting plane of the mould independently of the data generated from the first mould pattern.

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Attachment to Preliminary Amendment dated January 4, 2002

Marked-up Claims 3, 4, 10, and 11

10. (Amended) A method as claimed in claim 8 [or 9], wherein the step of mechanically machining a plurality of modules essentially simultaneously further comprises the step of mechanically machining at least a second mould module, an ejector module and an engaging module essentially simultaneously.

11. (Amended) A method for making injection moulds for injection moulding of mobile phone components comprising the steps as claimed in claim 1 [or claim 8].

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